

1. Aeronautical Lab A
2. Aeronautical Lab B
3. Agricultural Eng Bldg
4. Ceramics Bldg
5. Civil Eng Bldg
6. Coordinated Science Lab
7. Digital Computer Lab
8. East Chemistry Bldg
9. Electrical Eng Bldg
10. Engineering Hall
11. Engineering Research Lab
12. Foundry
13. Hydrosystems Lab
14. Illini Union
15. Materials Research Lab
16. Mechanical Eng Bldg
17. Mechanical Eng Lab
18. Mining and Metallurgy Bldg
19. Nuclear Eng Lab
20. Nuclear Radiation Lab
21. Nuclear Reactor Lab
22. Physics Bldg
23. Talbot Lab
24. Transportation Bldg

1971

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Aeronautical and Astronautical Engineering

(All in Aero. Lab B)

Ram Jet
Subsonic and Supersonic Wind Tunnel Tests
Static Thrust Demonstration
Rocket Propulsion Demonstration

Agricultural Engineering

(Agricultural Engineering Building)
Improving Environment Through Treatment of Animal Wastes
Safety and Comfort for the Operator of Farm Tractors
Equipment for Confinement
Catfish Farming

Ceramic Engineering

(Ceramics Building)
Laboratories and Classrooms Are Open for Inspection

Chemical Engineering

(All in East Chemistry Building)
Unit Operations Laboratory
Process Control Laboratory
Unit Optics Laboratory
Distillation Column
Gas Absorption Unit
Chem. Pop

Civil Engineering

(Civil Engineering Building)
Laboratories and Classrooms Are Open for Inspection

Computer Science

(Digital Computer Laboratory)
Use the Springfield Avenue Entrance for a Tour of the Computer Facilities

Electrical Engineering

(Electrical Engineering Building)
Mouse in a Maze
Telsa Coil and Jacob's Ladder
Plasma Torch
Feedback and Stability Display
Various Laboratories

General Engineering

(Transportation Building)
Land Reclamation After Strip Mining
Historical View of Man and His Environment
Vehicular Mechanics

Mechanical and Industrial Engineering

(Mechanical Engineering Building)
Space Suit Environment
Coaster Factory
PLATO Computer Education

Nuclear Engineering

(Nuclear Reactor Laboratory)
Tours of Reactor Laboratory

Physics

(Physics Building)
Laser Holography
Spark Chamber
Streamer Chamber
Bubble Raft Display
Optics Laboratory
Student Demonstration Laboratories

Theoretical and Applied Mechanics

(Talbot Laboratory)
Concrete-breaking Machine and a Three-Million-Pound Testing Machine
Holography Display

GENERAL INFORMATION

The theme of the 1971 Engineering Open House is "The Engineer and Our Environment." Departmental, student, and industrial exhibits will show what the engineer is doing to improve the quality of our environment. In addition, most classrooms and laboratories are open to visitors.

For your convenience, information booths are located in the following places:
Electrical Engineering Building — first floor
Mechanical Engineering Building — main floor
Aero. Lab B — west entrance

Thank you for visiting Engineering Open House. Please come again next year.

PARKING

Parking is available at any metered parking space. Before 5 p.m. Friday guests may park on the lower level of Krannert Center, on Illinois and Goodwin Streets, for 25c. After 5 p.m. Friday and all day Saturday, University rented spaces will be open.

BUSES

Buses may park on Goodwin, Springfield, Wright, and Mathews Streets.

CENTRAL COMMITTEE

General Chairman
Ruth Ann Male

Publicity
Carole A. Tomlinson
Jeffrey S. Glick
James C. Schmitt

Space
Robert D. Roley

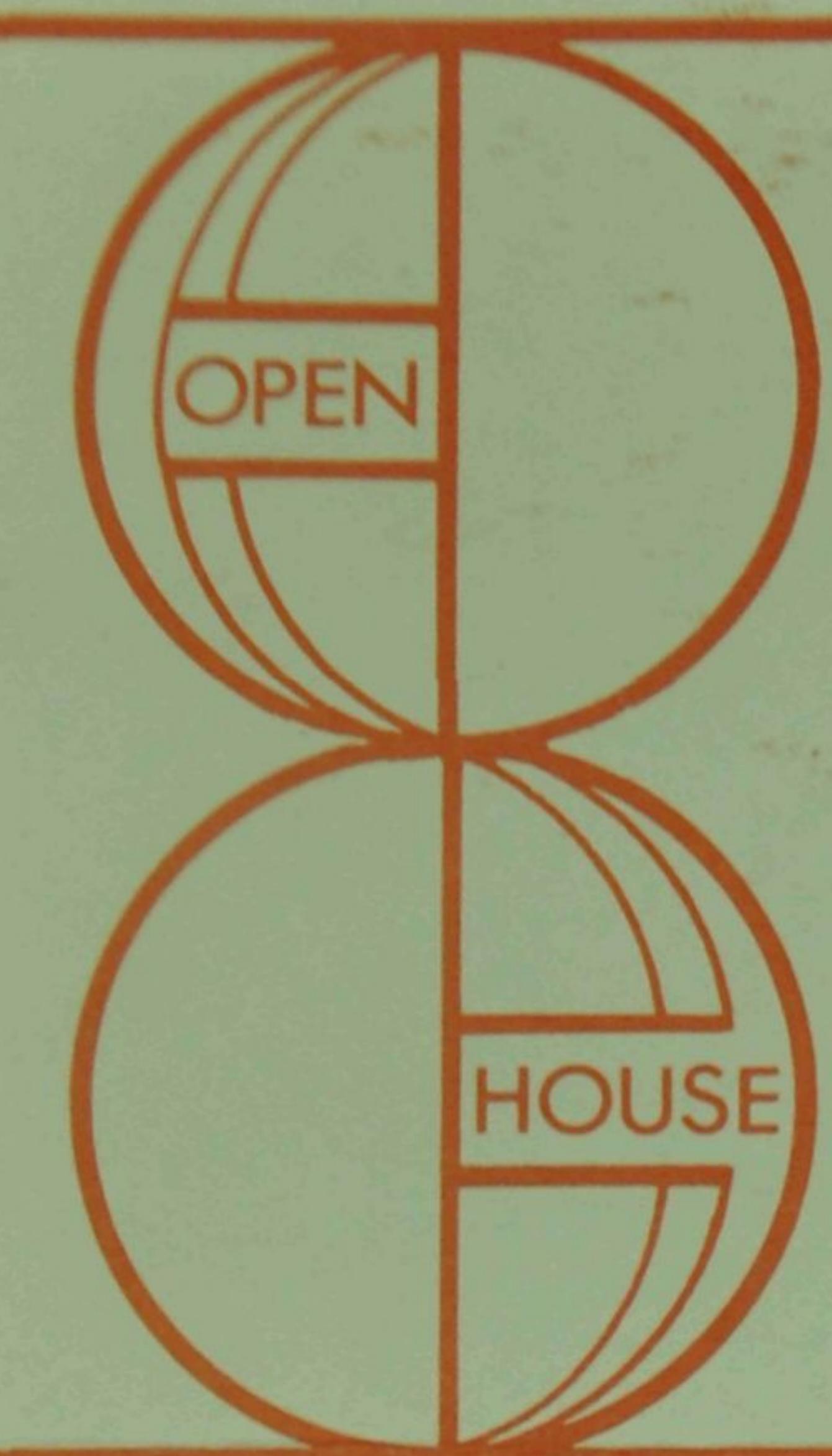
Tours
Frank D. Gac

Programs
Pam Calvetti

Traffic
Roger F. Hoyt
Paul W. Pope

Awards
Mary E. Corwin
Gary A. Wilken

Faculty Advisor
P. R. Egbert



WELCOME TO ENGINEERING OPEN HOUSE, 1971

"The Engineer and Our Environment"

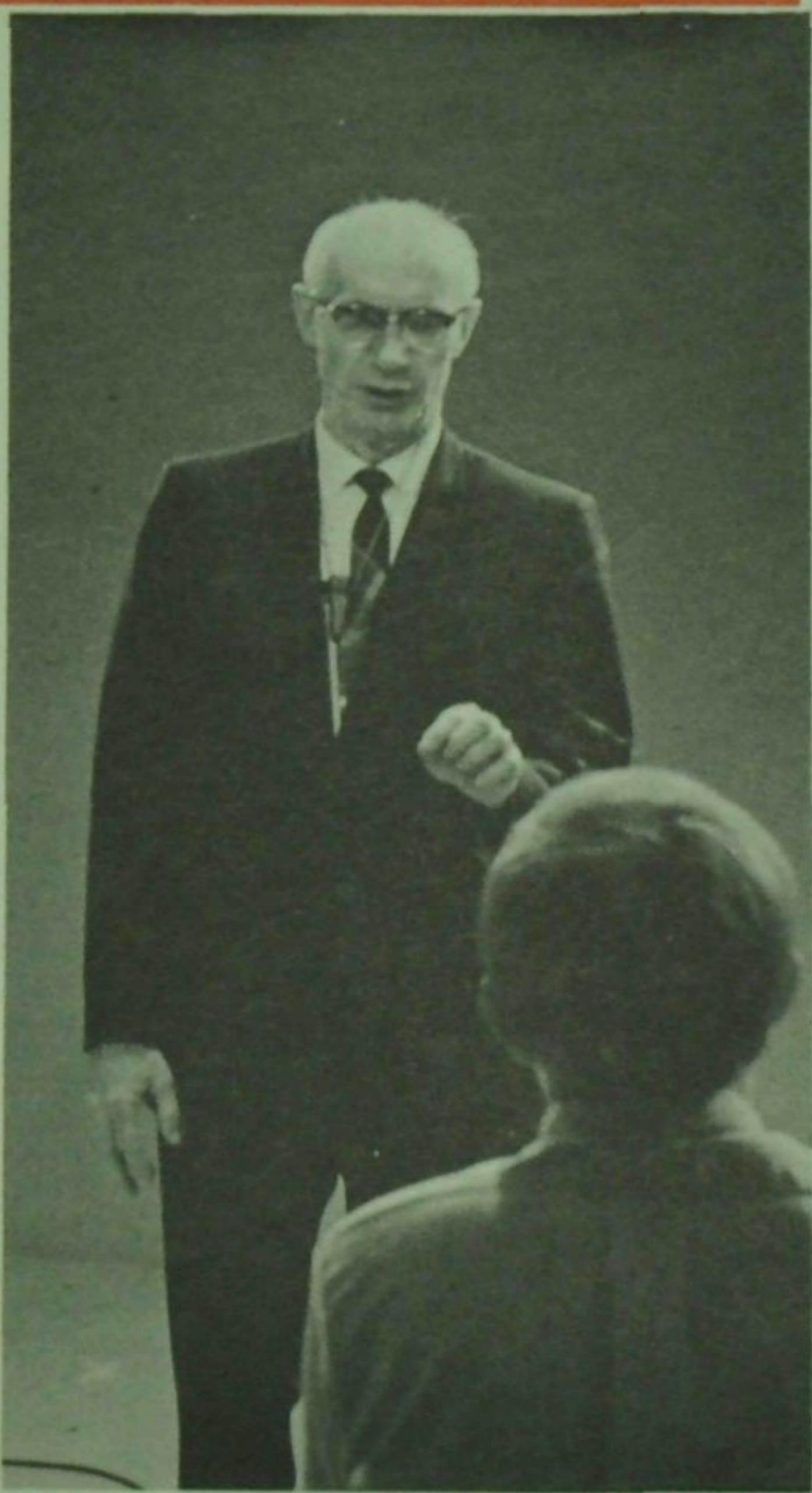
The theme of Open House, 1971 is as current as this morning's headlines. The importance of our environment becomes more and more apparent as the problems of the environment become more and more obvious. The problems of air, water, noise, and other environmental pollution, however, require more than public attention for their solution. Social and political awareness are essential, but action — effective action — requires disciplined knowledge.

The College of Engineering is committed to the search for solutions to these pressing problems: through students who are sensitive to the problems of the environment and have the requisite skills to attack them, through continuing research programs into various aspects of pollution and its prevention, and through a faculty to educate those students and perform the necessary research. Examples of each of these facets will be available during Open House. Research programs and student projects will be on display; faculty and students will be available for discussion during your visit. Look at the displays, ask questions and, by all means, visit us again. For the young man or woman wishing to improve the human condition, to decrease the pollution of our physical and social environment, there is no better base from which to start than engineering education.

Daniel C. Drucker
Dean



the
engineer



and
our
environment



ENGINEERING
OPEN * HOUSE

University of Illinois at Urbana-Champaign

FRIDAY, MARCH 12, 10AM-8PM * * * * SATURDAY, MARCH 13, 9AM-3PM